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PUBLIC HEALTH ASSESSMENT

IDAHO NATIONAL ENGINEERING AND ENVIRONMENTAL LABORATORY (U.S.
DEPARTMENT OF ENERGY)
[a/k/a IDAHO NATIONAL ENGINEERING LABORATORY (USDOE)]
IDAHO FALLS, BUTTE, CLARK, JEFFERSON AND BIN COUNTIES, IDAHO
EPA FACILITY ID: ID4890008952 [EXIT](#)

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Federal Facilities Assessment Branch

Division of Health Assessment and Consultation

Agency for Toxic Substances and Disease Registry

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LIST OF ABBREVIATIONS

AEC	Atomic Energy Commission
ANL	Argonne National Laboratory
ANL-W	Argonne National Laboratory-West
ARA	Auxiliary Reactor Area
ATR	Advanced Test Reactor
ATSDR	Agency for Toxic Substances and Disease Registry
Bq	becquerel(s), one decay per second, or 2.703×10^{-11} Ci, or 27.03 pCi
Bq/g	becquerel(s) per gram
Bq/kg	becquerel(s) per kilogram
Bq/L	becquerel(s) per liter
BW	Body weight
CEL	Cancer effect level
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CFA	Central Facilities Area

Ci	curie(s) (1 Ci is equal to 10^{12} pCi)
CI	Confidence interval
CLL	Chronic lymphocytic leukemia
CML	Chronic myeloid leukemia
Cr	Chromium
CREG	ATSDR's Cancer Risk Evaluation Guide
CSF	Cancer slope factor
CTF	Contained Test Facility
CV	Comparison Value
CVSHP	Idaho Department of Health and Welfare's Center for Vital Statistics and Health Policy
DCG	DOE's derived concentration guide
Dev	Deviation
DNAPL	Dense non-aqueous phase liquid
DOE	US Department of Energy
DOE-CH	DOE's Chicago Operations Office
DOE-ID	DOE's Idaho Operations Office
DWP	Drinking Water Program
EBR-1	Experimental Breeder Reactor Number 1
EBR-2	Experimental Breeder Reactor Number 2
ED	Exposure duration
EF	Exposure frequency
EFS	Experimental Field Station
EMEG	Environmental Media Evaluation Guide
EPA	US Environmental Protection Agency
FY	fiscal year
g	gram(s)
IBO	Idaho Branch Office of Pittsburgh Naval Reactors
ICPP	Idaho Chemical Processing Plant (now INTEC)
ICRP	International Commission on Radiological Protection
INEEL	Idaho National Engineering and Environmental Laboratory
INTEC	Idaho Nuclear Technology Engineering Center (formerly known as ICPP)
kg	kilogram(s)
L	liter(s)
LMAES	Lockheed Martin Advanced Environmental Systems

LMITCO	Lockheed Martin Idaho Technologies Company
LOAEL	Lowest-observed-adverse-effect level
m	meter(s)
m ³	Cubic meter(s)
MCL	EPA's maximum contaminant level
mg	milligram(s)
mg/kg	milligram(s) per kilogram
mg/kg/day	milligram(s) per kilogram of body weight per day
mi ²	Square mile
M&O	Management and operating
µg	microgram(s)
µg/m ³	microgram(s) per cubic meter
mR	milliroentgen(s)
mrem	millirem(s)
MRL	ATSDR's minimal risk level
mSv	millisievert(s)
NCRP	National Council on Radiation Protection and Measurements
NIOSH	National Institute for Occupational Safety and Health
NO	Nitrogen oxide
NO ₂	Nitrogen dioxide
NOAEL	No-observed-adverse-effect level
NPL	National Priorities List
NRF	Naval Reactors Facility
OER	Observed to expected ratio
OSHA	Occupational Safety and Health Administration
OU	Operable unit
PBF	Power Burst Facility
PCB	Polychlorinated biphenyl
pCi	picocurie(s) (1 pCi is equal to 10 ⁻¹² Ci)
pCi/g	picocurie(s) per gram
pCi/L	picocurie(s) per liter
pCi/mL	picocurie(s) per milliliter
PHAP	Public Health Action Plan
PM ₁₀	Particulate matter (particles less than or equal to 10 microns in diameter)

ppb	Part(s) per billion
ppm	Part(s) per million
RBC	Risk-based concentration
RfC	EPA's reference concentration
RfD	EPA's reference dose
RMEG	ATSDR's Reference Dose (or Concentration) Media Evaluation Guide
RWMC	Radioactive Waste Management Complex
SARA	Superfund Amendments and Reauthorization Act
SDA	Subsurface Disposal Area
SEER	Surveillance, Epidemiology, and End Results
SESP	Site Environmental Surveillance Program
SIR	Standardized incidence ratio
SL-1	Stationary Low-Power Reactor No. 1
SMC	Specific Manufacturing Capability
SMR	Standardized mortality ratio
SO ₂	Sulfur dioxide
SRPA	Snake River Plain Aquifer
SSL	EPA's soil screening level
SVOC	Semivolatile organic compound
SWMU	Solid waste management unit
TAN	Test Area North
1,1,1-TCA	1,1,1-trichloroethane
TCE	Trichloroethylene
TLD	Thermoluminescent dosimeter
TRA	Test Reactor Area
TSA	Transuranic Storage Area
TSF	Technical Support Facility
USGS	US Geological Survey
VOC	Volatile organic compound
WAG	Waste Area Group
WEC	Westinghouse Electric Corporation
WIPP	Waste Isolation Pilot Plant
WMSP	Waste Management Surveillance Program
WRRTF	Water Reactor Research Test Facility

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